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#4

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/882,621

DATE: 11/27/2001
TIME: 14:22:52

Input Set : A:\21834957seqlist.txt
Output Set: N:\CRF3\11212001\I882621.raw

ENTERED

5 <110> APPLICANT: Crucell Holland B.V.
7 Houtzager, Erwin
9 Logtenberg, Ton
11 de Kruif, Cornelis A.
15 <120> TITLE OF INVENTION: Chimaeric Phages
19 <130> FILE REFERENCE: 2183-4957US
23 <140> CURRENT APPLICATION NUMBER: US 09/882,621
25 <141> CURRENT FILING DATE: 2001-06-15
29 <160> NUMBER OF SEQ ID NOS: 8
33 <170> SOFTWARE: PatentIn version 3.1
37 <210> SEQ ID NO: 1
39 <211> LENGTH: 30
41 <212> TYPE: DNA
43 <213> ORGANISM: Artificial Sequence
47 <220> FEATURE:
49 <223> OTHER INFORMATION: Primer D3 BamHI Forward
51 <400> SEQUENCE: 1
52 ggatccctctg gttccggta tttgattatg 30
55 <210> SEQ ID NO: 2
57 <211> LENGTH: 30
59 <212> TYPE: DNA
61 <213> ORGANISM: Artificial sequence
65 <220> FEATURE:
67 <223> OTHER INFORMATION: Primer D3 BamHI Backward
69 <400> SEQUENCE: 2
70 ggatccagcg gagtgagaat agaaaggaac 30
73 <210> SEQ ID NO: 3
75 <211> LENGTH: 33
77 <212> TYPE: DNA
79 <213> ORGANISM: Artificial sequence
83 <220> FEATURE:
85 <223> OTHER INFORMATION: Primer g3 minus HindIII Forward
87 <400> SEQUENCE: 3
88 aagcttctgc gtaataagga gtcttaatca tgc 33
91 <210> SEQ ID NO: 4
93 <211> LENGTH: 31
95 <212> TYPE: DNA
97 <213> ORGANISM: Artificial sequence
101 <220> FEATURE:
103 <223> OTHER INFORMATION: Primer g3 minus HindIII Backward
105 <400> SEQUENCE: 4
106 aagcttggaa aaaaatctcca aaaaaaaaaagg c 31
109 <210> SEQ ID NO: 5
111 <211> LENGTH: 31
113 <212> TYPE: DNA
115 <213> ORGANISM: Artificial sequence
119 <220> FEATURE:

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121 <223> OTHER INFORMATION: Primer g3 ORF NcoI Forward
123 <400> SEQUENCE: 5
124 ccatggctga aactgttgaa agttgttag c 31
127 <210> SEQ ID NO: 6
129 <211> LENGTH: 31
131 <212> TYPE: DNA
133 <213> ORGANISM: Artificial sequence
137 <220> FEATURE:
139 <223> OTHER INFORMATION: Primer g3 ORF XbaI Backward
141 <400> SEQUENCE: 6
142 tctagattaa gactccttat tacgcgtat g 31
145 <210> SEQ ID NO: 7
147 <211> LENGTH: 266
149 <212> TYPE: DNA
151 <213> ORGANISM: Artificial sequence
155 <220> FEATURE:
157 <223> OTHER INFORMATION: Sequence of the part of the helper phage that surrounds the

g3 de

158 letion
160 <400> SEQUENCE: 7
161 gtttatgcgt gggcgatgg tgggtcatt gtcggcgcaa ctatcggtat caagctgttt 60
163 aagaaattca cctcgaaagc aagctgataa accgatacaa ttaaaggctc cttttggagc 120
165 cttttttttt ggagattttc aacaagcttc tgcgtataaa ggagtcttaa tcgtccagt 180
167 tctttgggtt atccgttat tattgcgtt ctcgggttc cttctggtaa ctttggcgg 240
169 ctatctgcta acttttctta aaaagg 266
172 <210> SEQ ID NO: 8
174 <211> LENGTH: 832
176 <212> TYPE: DNA
178 <213> ORGANISM: Artificial sequence
182 <220> FEATURE:
184 <223> OTHER INFORMATION: Representation of the helper phage genome deleted for part

of the

185 g3 gene
187 <400> SEQUENCE: 8
188 ttgactccct gcaaggctca gcgaccgaat atatcggtta tgcgtggcg atggttgtt 60
190 tcattgtcgg cgcaactatc ggtatcaagc tggtaagaa attcacctcg aaagcaagct 120
192 gataaaccga tacaattaaa ggctccttt ggagcctttt tttttggaga ttttcaacgt 180
194 gaaaaaaattt ttattcgaa ttccttttagt tggcctttc tattctcaact cgcgtaaagct 240
196 ttctgggtcc ggtgattttg attatgaaaa tatgcaaaac gctaataagg gggctatgac 300
198 cggaaatgcc gatgaaaacg cgctacagtc tgacgctaaa ggcaaaacttg attctgtcgc 360
200 tactgattac ggtgcgtcta tcgacgggtt cattggtgac gtttccggcc ttgcataatgg 420
202 taatgggtct actgggtatt ttgctggctc taattccaa atggctcaag tcggtgacgg 480
204 tgataattca ccttaatga ataatttccg tcaatattta cttcccttc ctcaatcggt 540
206 tgaatgtcgc cctttgtct ttcgcgttgg taaaccatat gaattttctta ttgattgtga 600
208 caaaaataaac ttattccgtg gtgtctttgc gtttcttta tatgttgcca cctttatgtta 660
210 tgtatttcg acgtttgcta acatactgctg taataaggag tcttaatcat gccagttctt 720
212 ttgggttattt cggttatttgc ggtttccctc gtttcccttc tggtaacttt gttcggctat 780
214 ctgcgtactt ttcttaaaaa gggcttcggta aagatagctt ttgctatttc at 832

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